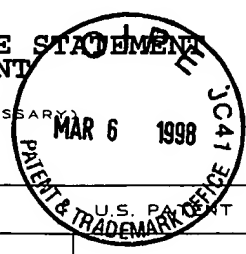


FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MASIMO.007C2		APPLICATION NO. 08/943,511	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(USE SEVERAL SHEETS IF NECESSARY)</small>				APPLICANT M. Diab et al.		RECEIVED GROUP 12 1996 Unknown GROUP 3300	
				FILING DATE October 6, 1997			



U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
<i>SW</i>	4 8 0 0 4 9 5	1/24/89	Smith						
<i>SW</i>	4 8 2 4 2 4 2	4/25/89	Frick et al.						
<i>SW</i>	4 8 6 3 2 6 5	9/5/89	Flower et al.						
<i>SW</i>	4 8 6 7 5 7 1	9/19/89	Frick et al.						
<i>SW</i>	4 8 9 2 1 0 1	1/9/90	Cheung et al.						
<i>SW</i>	4 9 0 7 5 9 4	3/13/90	Muz						
<i>SW</i>	4 9 1 1 1 6 7	3/27/90	Corenman et al.						
<i>SW</i>	4 9 2 8 6 9 2	5/29/90	Goodman et al.						
<i>SW</i>	4 9 5 5 3 7 9	9/11/90	Hall						
<i>SW</i>	5 0 5 7 6 9 5	10/15/91	Hirao et al.						

FOREIGN PATENT DOCUMENTS									
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
					YES	NO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
<i>SW</i>	1.	<u>Rabiner, Lawrence et al. Theory and Application of Digital Signal Processing</u> , p. 260, 1975.
<i>SW</i>	2.	<u>Tremper, Kevin et al., Advances in Oxygen Monitoring</u> , pp. 137-153, 1987.
<i>SW</i>	3.	<u>Harris, Fred et al., "Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters"</u> , Presented at International Conference on Signal Processing, Florence, Italy, Spet. 4-6, 1991, 6 pages.
<i>SW</i>	4.	<u>Haykin, Simon, Adaptive Filter Theory</u> , Prentice Hall, Englewood Cliffs, NJ, 1985.
<i>SW</i>	5.	<u>Widrow, Bernard, Adaptive Signal Processing</u> , Prentice Hall, Englewood Cliffs, NJ 1985.

EXAMINER <i>EL</i>	DATE CONSIDERED <i>11/3/98</i>
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FORM PTO-1449

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ATTY. DOCKET NO.

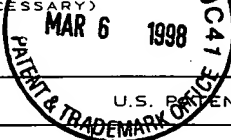
APPLICATION NO.

MASIMO.007C2

08/943,511

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

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APPLICANT

M. Diab et al.

FILING DATE

October 6, 1997

GROUP

Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
sn	5 2 7 3 0 3 6	12/28/93	Kronberg et al.			
sn	3 6 4 7 2 9 9	3/7/72	Lavallee			
sn	3 7 0 4 7 0 6	12/5/72	Herczfeld et al.			
sn	4 0 6 3 5 5 1	12/20/77	Sweeney			
sn	4 0 8 6 9 1 5	5/2/78	Kofsky et al.			
sn	4 0 9 5 1 1 7	6/13/78	Nagy			
sn	4 4 0 7 2 9 0	10/4/83	Wilber			
sn	4 5 3 7 2 0 0	8/27/85	Widrow			
sn	4 6 4 9 5 0 5	3/10/87	Zinser, Jr. et al.			
sn	4 7 7 3 4 2 2	9/27/88	Isaacson et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

✓	6.	Brown, David P., "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies", Master's thesis, University of Washington, 11/25/87, pp. 1-142.
✓	7.	Cohen, Arnon, "Volume I" Time and Frequency Domains Analysis", Biomedical Signal Processing, CRC Press, Inc., jBoca Raton, Florida, pp. 152-159.
✓	8.	Severinghaus, J.W., "Pulse Oximetry Uses and Limitations", pp. 1-4, ASA Convention, New Orleans, 1989.
✓	9.	Mook, G.A., et al., "Spectrophotometric determination of Oxygen saturation of blood independent of the presence of indocyanine green", Cardiovascular Research, Vol. 13, pp. 233-237, 1979.

EXAMINER

EL

DATE CONSIDERED

11/3/88

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U.S. DEPARTMENT OF COMMERCE
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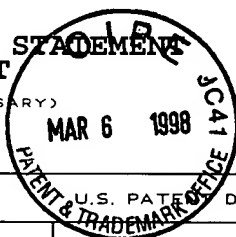
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APPLICANT

Diab et al.

FILING DATE

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GROUP

Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	4 7 9 9 4 9 3	1/24/89	DeFault			
SW	4 8 4 8 9 0 1	7/18/89	Hood, Jr.			
SW	4 8 6 0 7 5 9	8/29/89	Kahn et al.			
SW	4 8 6 9 2 5 3	9/26/89	Craig, Jr. et al.			
SW	4 8 6 9 2 5 4	9/26/89	Stone et al.			
SW	4 8 8 3 3 5 3	11/28/89	Hausman			
SW	4 9 2 7 2 6 4	5/22/90	Shiga et al.			
SW	4 9 4 8 2 4 8	8/14/90	Lehman			
SW	4 9 5 6 8 6 7	9/11/90	Zurek et al.			
SW	5 4 5 8 1 2 8	10/95	Polanyi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

SW	10.	Neuman, Michael R., "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations", Continuous Transcutaneous Monitoring, Plenum Press, New York, 1987, pp. 135-144.
SW	11.	Mook, G.A., et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation", Clinical Chemistry Acta, Vol. 26, pp. 170-173, 1969.
SW	12.	Klimasauskas, Casey, "Neural Nets and Noise Filtering", Dr. Dobb's Journal, January 1989, pg. 32.
SW	13.	Melnikof, S. "Neural Networks for Signal Processing: A Case Study", Dr. Dobbs Journal, January 1989. pg.36-37

EXAMINER

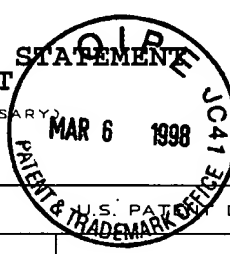
[Signature]

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11/3/88

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(USE SEVERAL SHEETS IF NECESSARY)</small>				APPLICANT Diab et al.			
				FILING DATE October 6, 1997		GROUP Unknown	



EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SN</i>		4 7 2 3 2 9 4	02/02/88	Taguchi			
<i>SN</i>		4 8 1 9 7 5 2	4/11/89	Zelin			
<i>SN</i>		4 9 6 0 1 2 6	10/2/90	Conlon et al.			
<i>SN</i>		5 2 4 6 0 0 2	9/21/93	Prosser			

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<i>SN</i>		S U 1 6 7 4 7 9 8	9/91	Abstract from Database WPI,	Derwent	Publications			
<i>SN</i>		9 2 / 1 5 9 5 5	17/09/92	PCT <i>WOX</i>					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
<i>SN</i>	14.	Jingzheng, Ouyang et al., "Digital Processing of High-Resolution Electrocardiograms--Detection of His-Purkinje Activity from the Body Surface", <u>Biomedizinische Technik</u> , 33, 1 October 1988, No.10, Berlin, W. Germany, pp. 224-230.
<i>SN</i>	15.	Chen, Jiande, et al., "Adaptive System for Processing of Electrogastic Signals", Images of the Twenty-First Century, Seattle, WA, vol. 11, Nov. 9-12, 1989. pp. 698-699.
<i>SN</i>	16.	Varanini, M. et al., "A Two Channel Adaptive Filtering Approach for Recognition of the QRS Morphology", Proceedings of the Computers in Cardiology Meeting, Venice, Sept. 23-26, 1991, Institute of Electrical and Electronics Engineers, pp. 141-144.

EXAMINER <i>EL</i>	DATE CONSIDERED <i>11/3/98</i>
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